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PUBLISHED BY AUTHORITY

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No. 18] NEW DELHI, SATURDAY, MAY 1, 1976 (VAISAKHA 11, 1898)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS & DESIGNS

Calcutta, the 1st May 1976

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 7th December, 1974, in page 883, Column 2, under the heading "Cessation of Patents."

delete 125591.

(2)

In the Gazette of India, Part-III, Section 2, dated the 25th January, 1975 in page 69, Column 1, under the heading "Cessation of Patents."

delete 130630.

(3)

In the Gazette of India, Part III, Section 2, dated the 12th April, 1975 in page 230, Column 2 under the heading "Cessation of Patents."

delete 130775.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

25th March, 1976

520/Cal/76. Franz J. Saul. Method and apparatus for producing a collapsibly foldable packaging sleeve having a polygonal cross-section.

47GI/76

521/Cal/76. Bayer Aktiengesellschaft. Process for the preparation of anion exchangers.

522/Cal/76. Nils-Eric Gunners, Rune Valentin Hellgren and Torsten Liljegren. Gun projectile arranged with a base drag reducing system.

26th March, 1976

523/Cal/76. The Vice-Chancellor, University of Calcutta. Coaxial band pass filter at S-band.

524/Cal/76. The Vice-Chancellor, University of Calcutta. Etchpolishing machine.

525/Cal/76. Institut Francais Du Petrole. Process for manufacturing hyperbasic detergent additives and additives obtained thereby.

526/Cal/76. Siemens Aktiengesellschaft. Control circuitry for A.C. chopper.

527/Cal/76. S. P. Kalinichenko, (2) J. G. Dudin, (3) L. E. Yazlovetsky, (4) I. B. Altshuler, (5) J. N. Peregudov and N. F. Ozernoi. Direct current machine.

528/Cal/76. S. Kumar. A wind energy converter.

529/Cal/76. Polysar Limited. Amine modified polymers. [Addition to No. 2397/Cal/74].

530/Cal/76. Polysar Limited. Halo-acetyl high green strength rubbers.

27th March, 1976

531/Cal/76. Institute Nacional De La Reforma Agraria. Multiple rotocultivator.

532/Cal/76. Rhone-Poulenc Industries. Polymer production.

533/Cal/76. Hoechst Aktiengesellschaft. Reinforced sheetings, process and device for preparing them continuously.

534/Cal/76. Snamprogetti S.p.A. Flexible integrated method for the production of ammonia and urea.

535/Cal/76. Dr. O. A. Backer. Apparatus for electro-plating metal surfaces, in particular cut edges formed by stacking sheet metal panels cut to size.

536/Cal/76. R. Pant. Improved process for preparing moulded articles from asbestos cement and a mould therefor.

537/Cal/76. Union Carbide Corporation. Closure for galvanic dry cells.

538/Cal/76. Sarawogi Commercial Agencies. Compact unit for purifying water.

29th March, 1976

539/Cal/76. Wacker-Chemie GMBH. Manufacture of organosiloxanes.

540/Cal/76. Midland-Ross Corporation. Railway car coupler.

541/Cal/76. K. L. Bhasin. Overhead type doors.

30th March, 1976

542/Cal/76. L. R. Chaudhary. Battery (Electric) operated drive unit for bike.

543/Cal/76. Sarashi Charan Bhaumik. Wagon tipler.

544/Cal/76. Aluminium Pechiney. A method and a device for the supply of electric current to transverse igneous electrolysis tanks.

545/Cal/76. M. J. Delport. Foot-wear.

546/Cal/76. Dulux Australia Ltd. Polymer process and paint. (April 21, 1975).

547/Cal/76. Warner-Lambert Company. Process for the preparation of 1-[5-(4-hydroxy-2H-1, 2-benzothiazin-3-Y1)-1, 2, 4-oxadiazol-3-Y1] methyl ethanone S-S-dioxide.

548/Cal/76. Warner-Lambert Company. Process for the preparation of 4-hydroxy-3-(5-methyl-3-isoxazolyl-carbamoyl)-2-methyl-2H-1, 2-benzothiazine 1, 1-dioxide and intermediates used in the production thereof.

549/Cal/76. Hajtomevek Es Festoberendezesek Gyara. Electrical dip dyeing apparatus. (July 3, 1975).

550/Cal/76. Hajtomevek Es Festoberendezesek Gyara. Pre-treatment and degreasing apparatus. (July 3, 1975).

551/Cal/76. Satake Engineering Co., Ltd. Fanning mill.

552/Cal/76. H. Uchikoba and S. Uchikoba. Rotary type international combustion engine.

553/Cal/76. Council of Scientific and Industrial Research. A simple process to get a good tanning material from coco-peat (coco-pith).

554/Cal/76. Council of Scientific and Industrial Research. A simple process to get a good tanning material from tamarind shed testa.

555/Cal/76. Council of Scientific and Industrial Research. An improved chemical process for quick and easy separation of coir fibres from coconut husk.

556/Cal/76. Council of Scientific and Industrial Research. Improvements in or relating to the electrochemical preparation of paba sulphate/paba from p-nitrobenzoic acid.

31st March, 1976

557/Cal/76. Westinghouse Electric Corporation. Distribution transformer secondary circuit interrupter having an improved bimetal.

558/Cal/76. Cime Bocuze. New process for the preparation of molybdenum based alloys by calcining.

559/Cal/76. Cime Bocuze. New process for the preparation of molybdenum based alloys with solid reinforcing elements by calcining.

560/Cal/76. Imperial Chemical Industries Limited. Sewage treatment-flotation apparatus. (April 7, 1975).

561/Cal/76. BBC Brown, Boveri & Company Limited. Control system for a boiling-water nuclear power plant.

562/Cal/76. Tex International S. A. Multiple loom.

563/Cal/76. Taisho Pharmaceutical Co., Ltd. Method for preparing 17 α -ster-21-halo pregnanes.

564/Cal/76. Bharat Heavy Electricals Ltd. A fluidized bed combustion boiler.

565/Cal/76. Bharat Heavy Electricals Ltd. A fluidized bed combustion boiler.

566/Cal/76. Bharat Heavy Electricals Ltd. A fluidized bed combustion boiler.

567/Cal/76. Bharat Heavy Electricals Ltd. A fluidized bed combustion boiler.

568/Cal/76. Bharat Heavy Electricals Ltd. A fluidized bed combustion boiler.

569/Cal/76. Bharat Heavy Electricals Ltd. A solar collector.

570/Cal/76. Mrs. Gurdev Inder Kaur Sandhu. A sprayer for the discharge of liquid. [Addition to No. 413/Cal/75].

571/Cal/76. Mitsui Coke Co. Ltd. Improved coke compositions and process for manufacturing same.

572/Cal/76. Dr. H. C. Shekharia Visvesvaraya. A rotary grate for use in a vertical shaft kiln.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

22nd March, 1976

98/Bom/76. M. C. Gandhi. A clavical brace.

24th March, 1976

99/Bom/76. R. K. Patel. Improved auto stove.

25th March, 1976

100/Bom/76. P. N. Sharma. Reinforced stone casting and a method of manufacturing the same.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

22nd March, 1976

53/Mas/76. P. V. George. Rotary flushing cistern.

54/Mas/76. K. R. Subramanyam and Mrs. Jayalakshmi Subramanyam. The improvements in or relating to the production of mixed rare earth metals of various grades of purity with respect to its iron content by fused salt electrowinning process and its apparatus thereof.

23rd March, 1976

55/Mas/76. K. K. Gounder Palaniswamy. Automatic angle metre.

25th March, 1976

56/Mas/76. S. V. Prabhakara Pai and J. Singh. A portable multi-purpose radio receiver device for use particularly though not exclusively, on vehicles.

27th March, 1976

57/Mas/76. H. M. S. Lingaiah. Autotransformer-capacitor phase converter.

58/Mas/76. H. M. S. Lingaiah. Transistorised sensitive earth fault circuit breaker.

ALTERATION OF DATE

139060. } Ante-dated to 29th August, 1972.
2255/Cal/74. }139077. } Ante-dated to 14th September, 1964.
2095/Cal/74. }

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form I4 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specification should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 141D & 167C. I.C.-B03b 3/00.

139038.

A METHOD AND APPARATUS FOR SEPARATING MATERIALS.

Applicants: DOUGLAS CHARLES WRIGHT, OF 14, PACIFIC DRIVE, BANORA POINT, NEW SOUTH WALES 2413 AND JOHN MICHAEL MALLON, OF 29 PARKER STREET, LABRADOR, SOUTHPORT, QUEENSLAND 4215, BOTH IN THE COMMONWEALTH OF AUSTRALIA.

Inventors: DOUGLAS CHARLES WRIGHT.

Application No. 416/Cal/73 filed February 26, 1973.

Convention date March 3, 1972/(PA8172/72) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

An apparatus for separating materials having different properties from mixtures of such materials, which comprises a flow guide assembly and a separator face assembly, the guide assembly being adapted to direct a flow of stratified mixture against the face assembly, said face assembly being arranged at such an angle to the direction of flow whereby upon impingement against the face assembly the mixture is separated into fractions, one fraction passing to a first collector means and the other fraction passing to a second collector means.

CLASS 32A. I.C.-C09b. 19/36.

139039.

PROCESS FOR THE PREPARATION OF AZO DYES HAVING 2, 6-DIAMINOPYRIDINE DERIVATIVES AS COUPLING COMPONENTS.

Applicants: BADISCH ANILIN- & SODA-FABRIK AKTIENTGESellschaft, AT 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

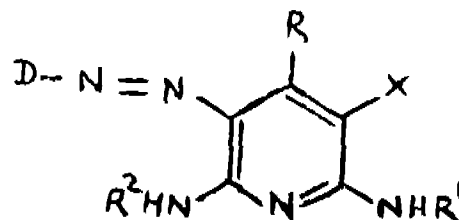
Inventors: JOHANNES DEHNERT AND GUNTHER LAMM.

Application No. 502/Cal/73 filed March 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for the production of azo dyes having the formula 1.

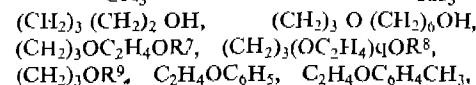
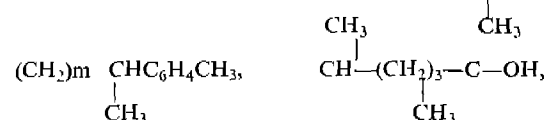


in which

D is the radical of a diazo component;

R is unsubstituted or substituted alkyl or unsubstituted or substituted phenyl;

X is hydrogen cyano or unsubstituted or substituted carbamoyl;

R¹ is one of the radicals: C₆H₅, (CH₂)_m CH—C₆H₅,

or the radicals of formulae shown in Figs. 1 to 5

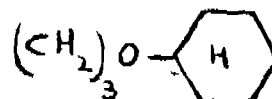


Fig. 1

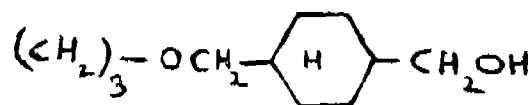


Fig. 2

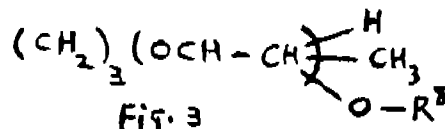


Fig. 3

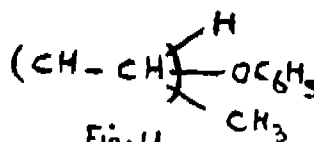


Fig. 4

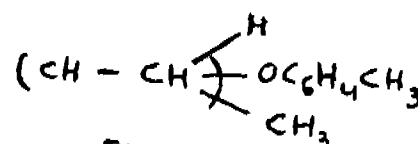
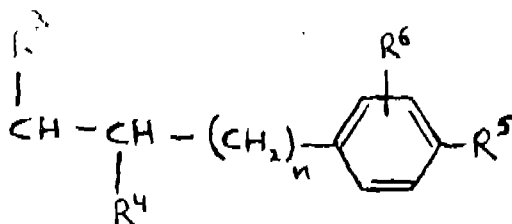


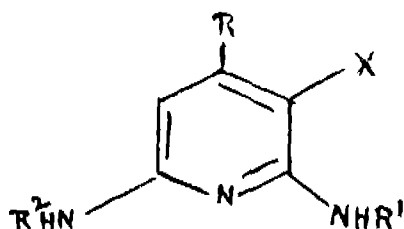
Fig. 5

or the radicals containing a hydroxyl group and having the formula shown in Fig. 6.



in which R^4 is hydrogen, R^1 or an unsubstituted or substituted aliphatic, cycloaliphatic, araliphatic or aryl radical; R^5 is alkyl of one to three carbon atoms or hydroxyalkyl; R^6 is hydrogen, alkyl of one to three carbon atoms or hydroxyalkyl; R^7 is hydrogen or hydroxyl; R^8 is hydrogen, alkyl of one to four carbon atoms, methoxy, ethoxy or chloro; R^9 is ethyl, propyl butyl, cyclohexyl, benzyl, phenylethyl, or methylphenyl; R^{10} is hydrogen, alkyl of one to four carbon atoms, cyclohexyl, phenyl, methylphenyl, benzyl or phenylethyl;

m is 1 or 2; n is zero, 1 or 2; q is 2, 3 or 4; and p is 1, 2, 3 or 4 wherein a diazo compound of an amine of the formula DNH_2 is reacted with a coupling component of the formula III.



in which D, R, R^1 , R^2 and X have the meanings given above.

CLASS 9E. I.C.-C22C. 19/00.

139040.

A METHOD OF PRODUCING NICKEL-BASE HEAT-RESISTANT ALLOYS AND ARTICLES THEREFROM.

Applicants : INTERNATIONAL NICKEL LIMITED, OF THAMES HOUSE, MILBANK, LONDON, S. W. 1, ENGLAND.

Inventors : JAY WARD SCHULTZ AND RUSSELL LAWRENCE MCCARRON.

Application No. 858/Cal/73 filed April 11, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings

A method of producing a heat resistant product which comprises making a nickel-base alloy containing by weight, from 0.05 to 0.15% carbon, from 28 to 35% chromium, from 2.5 to 6% aluminium, from 0 to 2% silicon, from 0.05 to 0.8% titanium, and from 10 to 22% iron, with the provisos that (a) within these ranges the contents of chromium, aluminium, silicon, titanium and iron are so correlated that they also comply with the relationship

$$\%Cr \leq [39.15 (\%Al) - (\%Si) - (\%Ti) - 0.25 (\%Fe - 16)] \text{ and}$$

$$(b) (\%Al) + (\%Si) \geq 3$$

the balance, apart from impurities, being nickel in an amount of at least 40%, and shaping the alloy to the desired form.

CLASS 113B. I.C.-F23q. 2/00, 2/28.

139041.

A GAS LIGHTER

Applicants : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : OM PARKASH BHOLA.

Application No. 1064/Cal/73 filed May 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A gas lighter comprising a container containing cells which are supported on a spring, the container has a switch for making electrical contact between the cells and filament-element, a metallic arm-tube and a thick copper wire insulated from each other are fixed on the top of container, a filament-element protected by metallic guard is fitted on the upper end of the arm-tube, whereby when the press-button switch is pressed, the electrical contact is made between the cells and filament-element which gets red hot and when placed in a gas, the gas catches fire, characterised in that the filament element is made of rhodium/platinum alloy.

CLASS 179A+F. I.C.-B65b. 9/08, 9/10, B65d. 53/00. 139402.

FILLING AND SEALING SYSTEM.

& Inventors :

Applicants : ROY JOSEPH WEIKERT, C/O. GENERAL FILMS, INC., COVINGTON, OHIO, P.S.A.

Application No. 1212/Cal/73 filed May 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

Filling and sealing apparatus comprising :

(a) a stand for holding a supply of a web of flattened tubing having spaced heat vertical seal lines extending upwardly from a bottom edge of the tubing to a point spaced from an upper edge thereof and defining a channel extending across a series of interconnected open mouth compartments.

(b) an elongated feed pipe having a discharge end with an outlet therefrom positioned adjacent said stand and extending downstream therefrom,

(c) said feed pipe having an outer dimension substantially less than the inner dimension of said channel and being adapted to be received loosely in said channel,

(d) a conveyor having a substantially horizontally oriented reach extending substantially coextensively with said feed pipe and adapted to engage the bottom edge of said tubing material;

(e) a pair of conveyors having opposed, substantially vertically oriented reaches arranged on either side of the said tubing material, and

(f) rollers forming pressure nips with said pipe and adapted to receive said tubing material in said nips.

CLASS 130D. I.C.-C22b. 21/00.

139043

PROCESS FOR THE DIGESTION OF GOETHITE-CONTAINING BAUXITES IN THE PRODUCTION OF ALUMINA.

Applicants : ALUTERV ALUMINIUMIPARI TERVEZO VALLALAT, OF POZSONYI UT 56, BUDAPEST-XIII, HUNGARY. AND FFMIPARI KUTATO INTEZET, OF FEHERVARI UT 144, BUDAPEST XI, HUNGARY.

Inventors : DR. PETER SIKLOSSY, MARIA ORBAN, FERENC ORBAN, DR. TIHAMER PINTER, DR. GYORGY SIGMOND, KAROLY SOLYMAR, PAL TOTH AND DR. JANOS ZAMBO.

Application No. 1607/Cal/73 filed July 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Process for the production of alumina in the Mayer digestion of goethite-containing bauxites for the dissolution of the Al₂O₃ and V₂O₅ contents bound in goethite and for the conversion of goethite into hematite at a temperature of 220-280°C, preferably at 240-250°C, in an aluminate liquor of 100-300, preferably at 240-250 g./l. Na₂O concentration, characterized by carrying out the digestion in the simultaneous presence of 1-6% CaO and 0.5-12.0% of NaCl. referred to the dry weight of bauxite.

CLASS 172C. I.C.-D01g. 5/00. 139044

APPARATUS FOR SEPARATING FIBERS FOR RINGLESS SPINNING.

Applicants : VYZKUMNY USTAV BAVLNARSKY, OF USTI NAD ORLICI, CZECHOSLOVAKIA.

Inventors : MILOSLAV KUBOVY, (2) VACLAV BRYNDA, (3) STANISLAV DIDEK, (4) JAN HRDINA, (5) JAROMIR KASPAREK, (6) VACLAV KONVICNY, (7) ALOIS STEJSKAL, (8) JAROSLAV STOREK, (9) ZDENEK SVEC, (10) LUDVIK FAJT AND KVETA HACOVA.

Application No. 117/Cal/74 filed January 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims.

Apparatus for separating fibres, particularly chemical fibres of woolly character on ringless machines where the sliver of fibers is brought by a feeding roller to the cover of a combing-out roller into the combing-out zone having a substantially wedge-shaped form delimited—seen in the direction of the axis of the combing-out roller—by a part of the cover of the combing-out roller and its counterwall, e.g. by the wall of the body of the separating apparatus or by the wall of the insert, characterized in that the length of the combing-out zone is expressed by the length of the portion of the cover of the combing-out roller expressed by the central angle A for which the following condition is valid.

139044.

$$A_{\min} < A < A_{\max}$$

where A_{\min} is a minimum central angle;

A_{\max} is a maximum central angle;

$$\text{While } A_{\min} = \frac{2l}{d} \quad / \text{rad/}$$

and

$$A_{\max} = \frac{3L}{d} \quad / \text{rad/},$$

where d is the diameter of the apex circle circumscribed by the cover of the combing-out roller in mm; L is the average length of the staple or of the cut of the fibers, in a blend of fibers it is the average length of fibers in mm;

$l = n \cdot L$, i.e. the result of the said average length of the staple and the coefficient of fineness n, depending from the fineness of fibrous material in that the value 1, 5 to 3 den correspond to values $n=0, 7$ to 0, 935, and over 3 den $n=1$.

CLASS 205k. I.C.-B60C. 1/00. 139045

FARTHMOVER TYRE

Applicants : DUNLOP LIMITED, OF DUNLOP HOUSE, RYDER STREET, ST. JAMES'S LONDON SW 1, ENGLAND.

Inventors : HIRAM LESLIE WILD.

Application No. 242/Cal/74 filed February 5, 1974.

Convention date February 7, 1973/(6007/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

An earthmover tyre tread having a tread depth of the L3, L4 or L5 classifications in relation to tractive capability, wherein the rubber of the tread comprises at least 60 per cent styrene butadiene rubber.

CLASS 51D, I.C.-B26b. 21/54.

139046

SAFETY RAZOR BLADE.

Applicants : IARBANS LAL MALHOTRA & SONS PRIVATE LIMITED, OF 12, NEW C.I.T. ROAD, CALCUTTA-12, STATE OF WEST BENGAL, INDIA.

Inventors : SACHCHIDANANDA GOSWAMI.

Application No. 946/Cal/74 filed April 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A safety razor blade comprising in combination a pair of blades placed one above the other in parallel disposition, a spacer placed between the said two blades, such that the central axis of both the blades and the spacer coincide with each other, the distance between the cutting edges of one of the blades being slightly larger than the distance between the cutting edges of the other blade, the spacer having teeth formed on both the edges which correspond with the cutting edges of the blades.

CLASS 32G. I.C.-C12d. 5/00.

139047

A PROCESS FOR THE PRODUCTION OF FERMENTATION BROTH WITH INCREASED VITAMIN B₁₂ CONTENT BY SYNCHRONIZING THE BACTERIUM POPULATION.

Applicants : RICHTER GEDÉON VEGYESZETI GYAR RT., OF 21, GYOMROI UT, BUDAPEST X, HUNGARY.

Inventors : DR. BELA JOHAN MICROBIOL, (2) LASZLO SZEMIER CHEM, (3) TAMAS SZONTAGH MICROBIOL, (4) LASZLO KUTI, (5) EMILIA SIMONOVITS NEE CZINK CHEM, (6) JUDIT BEKES NEE ERDOS CHEM, (7) DENES SZEKELY CHEM, (8) JANOS KISS CHEMIST, (9) ERZSEBET KOVACS NEE KOMOROCZY AND ANIKO HARKITAI NEE FRANYO.

Application No. 2324/Cal/74 filed October 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings

A process for the anaerobic septic fermentation of a broth to increase Vitamin B₁₂ wherein the broth contains known bacterial nutrients a methane-producing bacteria capable of fermenting methanol to produce Vitamin B₁₂ which comprises carrying out the following steps :

a/ adding only methanol in daily amounts of 0.4 to 0.7 v/v% for 2 to 4 days to a fermentation broth obtained from said fermentation process;

b/ thereafter, monitoring the pH of said broth and upon the pH falling to 5.6 to 5.8 removing 5 to 15 vol.% of the fermentation broth of step a/ and replacing same with an equal volume of a concentrated bacterial nutrient broth within every fifth to twelfth day, which contains the nutrient compounds in five to twelve times higher concentrations than corresponding original concentration;

c/ interrupting the removal of fermentation broth in step b/ for a period up to two days and adding only 0.4 to 1.5 v/v% of methanol to the fermentation broth during this interruption;

d/ after the step c/, removing 5 to 15 vol.% of the fermentation broth daily for 5 to 10 days and replacing same with an equal volume of the bacterial nutrient broth of step b/ in diluted for with said nutrient components in said original concentrations together with 0.4 to 1.5% v/ v% of methanol and

e/ repeating steps a/ through d/ of the fermentation process until the vitamin B₁₂ concentration reaches at least 3 times higher than that of the average industrial scale processes (about 10,000 ug/l).

CLASS 154H. I.C.-D06P 1/52. 139048

IMPROVEMENTS IN OR RELATING TO THE PRINTING OF TEXTILE OR OTHER SHEET MATERIALS.

Applicants : THE SARANGPUR COTTON MANUFACTURING COMPANY LIMITED, OF AMRAIWADI ROAD, AHMEDABAD-8, GUJARAT, INDIA.

Inventors : ANANTHAKRISHNA SUBRAMANIAN.

Application No. 344/Bom/73 filed October 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

15 Claims.

A process for the printing of textile or other sheet materials made of natural or synthetic fibres or of blends or mixtures thereof to obtain substantially thick, opaque prints having a raised or relief-like appearance and feel, which comprises the steps of applying to the textile or other material in open sheet form according to the pattern of the desired prints and aqueous printing paste consisting of a synthetic resinous binder such as herein described, a reactive thermosetting resin such as herein described, a water soluble derivative of cellulose such as herein described having a viscosity in the range of 15000 to 50000 centipoises and one or more catalysts such as herein described for activating the printing and curing dispersed in an organic solvent such as herein described, retaining, all or substantially all the printing paste on the surface of the material to which it is applied, drying the thus printed material, and finally subjecting the dried material to heat to effect curing of the prints and their fixing on the material.

CLASS 116C. I.C.-B65G. 15/36. 139049.

METHOD OF REINFORCING CONVEYOR BELTS WITH STEEL ROPE INSERTS.

Applicants : CLOUTH GUMMIWERKE AKTIENGESellschaft, OF POSTFACH 600167, NIEHLER STRASSE 92-118, 5 KOLN 60, FEDERAL REPUBLIC OF GERMANY.

Inventors : MR. GERD SPAAR.

Application No. 583/Cal/73 filed March 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Method of reinforcing conveyor belts with steel rope inserts, characterised in that the rope ends coming from one direction are sub-divided in groups, wherein the rope ends of a group can display different lengths, and in which the groups of rope ends coming from other direction interengage, and that the spacing between the rope ends coming from the said one direction is smaller than the spacing between the rope ends coming from the said other direction.

CLASS 43D+T. I.C.-G03b. 21/12. 139050

IMPROVEMENTS IN MOVABLE LIGHT TRANSPARENCY WEDGE FOR STILL OR MOVIE FILM PROJECTORS.

Applicants : ATLANTIC FILMS LIMITED, OF 625, PRESIDENT KENNEDY AVENUE, MONTREAL, PROVINCE OF QUEBEC, CANADA.

Inventors : SERGE GREK & VANDIS SKUDRA.

Application No. 2096/Cal/73 filed September 13, 1973.

Convention date September 15, 1972/(151, 869/72) CANADA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

In or for use with a still or movie film projector a movable light transparency wedge adapted to be inserted between the light source of the projector and the projected screen image, characterised in that the said wedge has a colourless or neutral pigment, paint or photo emulsion and is provided with at least one transparent area which gradually depends into an area which is totally opaque and impervious to light, said wedge being mechanically or electrically connected to the projector and being adapted to move or be moved in the path of the rays of the light source of the projector from its area of transparency to its area of opacity or vice versa, at which latter stage once the projected image on the screen is dissolved, a pulse is transmitted to the projector to effect a slide or movie change in synchronism with the movement of the said wedge and wherein the substance from which the wedge is made is inert to the influence on the colour temperature of the light source.

CLASS 206E. I.C.-H01T. 19/00. 139051

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE DEVICE.

Applicants : N. V. PHILIPS' GLOEILAMPENFABRIKEN, AT EMMASINGEL, EINDHOVEN, NETHERLANDS.

Inventors : JOSEPH SHAPPIR.

Application No. 584/Cal/73 filed March 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

A semiconductor device having a semiconductor body comprising at least an insulated gate field effect transistor, which body comprises a first region of a first conductivity type and a second region of a first conductivity type and a second region of the second conductivity type adjoining the surface and forming a p-n junction with the first region, source and drain zones of the first conductivity type adjoining the surface being provided in the second region, at least a gate electrode layer being provided between the source and drain zones and being separated from the semiconductor body by an insulating layer characterised in that the device comprises a pattern of electrically insulating material which is at least partly inset in the semiconductor body and which surrounds the second region substantially entirely, the p-n junction between the first and the second region adjoining the inset pattern, the source and drain zones adjoining the inset pattern.

CLASS 116B. I.C.-B65G 67/30, 67/34. 139052

IMPROVEMENTS IN OR RELATING TO DAGON TIPPLERS.

Applicants : STRACHAN & HENSHAW LIMITED, OF ASHTON WORKS, P.O. BOX 103, BRISTOL BS99 7TJ, ENGLAND.

Inventors : GILBERT LESLIE SHEPPARD.

Application No. 921/Cal/73 filed April 18, 1973.

Convention date April 20, 1972/(18476/72) U.K.

Appropriate office for opposition Proceedings Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A rotary tippler comprising a wagon support arrangement having spaced parallel rigid frames of arcuate form disposed co-axially and with the openings defined by the ends of the

arcuate form of the respective frames in alignment parallel to the common central axis of the frames, and a wagon track having a centre line disposed in a vertical plane at or close to said common axis, a motive device being located alongside said wagon support arrangement for loading and unloading of wagons onto and from the tippler wagon track, the motive device comprising engagement means arranged to project laterally for entraining said wagons and being adapted to pass through said openings while entraining a wagon, said support arrangement comprising said spaced arcuate frames being rotatable about the axis of the frames to discharge a wagon on the tippler wagon track.

CLASS 116B. I.C.-B65G 67/30, 67/34.

139053

IMPROVEMENTS IN OR RELATING TO WAGON TIPPLERS.

Applicants : STRACHAN & HENSHAW LIMITED, OF ASHTON WORKS, P.O. BOX-103, BRISTOL BS99 7TJ, ENGLAND.

Inventors : GILBERT LESLIE SHEPPARD.

Application No. 922/Cal/73 filed April 18, 1973.

Addition to No. 921/Cal/73.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A rotary tippler according to claim 1 or claim 2 of our co-pending Indian Patent application No. 921/Cal/73 (Serial No. 139052) and having wagon-holding means displaceably mounted on said arcuate frames said wagon-holding means comprising a holding arrangement that is arranged to be brought to an operative holding position against the wagon top, means for causing said displacement of the wagon-holding means to bring said holding arrangement to its operative position during the initial part of said rotation of the support arrangement, and means for locking said arrangement in said operative position against the wagon top to maintain engagement with the wagon top during continued rotation of the support arrangement to an overturned discharge position of the wagon.

CLASS 40F. I.C.-B01d. 15/00.

139054

A PROCESS FOR THE PREPARATION OF HUMIDITY DETECTOR TUBE.

Applicants : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors : KALYAN KUMAR ACHARYA.

Application No. 1172/Cal/73 filed May 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process for the preparation of a humidity detector tube which consists in packing coloured material consisting of deactivated silica gel (granular) impregnated with an acidic solution of cupric chloride and cobalt chloride in a glass tube in between two packing pads and sealing the tube whereby when air is passed through this detector tube at the specified flowrate the moisture content of air goes on getting sorbed by the coloured column of the impregnated gel which, in turn, continues to change its colour (indicating humidity) to an appreciable length the magnitude of which serves as a measure of the amount of moisture sorbed (providing estimation of the humidity).

CLASS 176M. I.C.-F22b. 37/00, 37/20, F23C.

139055

GATE VALVE

Applicants : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : THOMAS HENRY COOPER.

Application No. 1923/Cal/73 filed August 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A gate valve for controlling flow of fluid under pressure comprising :—

a. a plurality of gates arranged in parallel;

b. a plurality of valve bodies with valves seats for receiving said gates;

c. means for moving said gates in their planes between and across their seats for closing and opening the valve and wherein said closing and opening means is pivotally connected to each gate at one pivotal point, said point for each gate lying along a line passing through said individual gate's center of mass parallel to the direction of movement of said gate;

d. fluid support means positioned at the downstream side of said gates for reducing sliding friction between said gate and said valve body when opening and closing said gates by lifting said gates against said fluid pressure.

CLASS 33A & 129J. I.C.-B21b. 1/40, B22d. 11/06. 139056.

COMPOSITE ROLL AND METHOD OF FORMING THE SAME.

Applicants : USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventors : CARL EDWARD SPADER, JR.

Application No. 2187/Cal/73 filed September 27, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A composite roll comprising a shell of hard wear-resistant metal and an arbor of tough shock-resistant metal, characterized by said shell being fixed to said arbor with an adhesive applied to the body of the arbor and having sufficient clearance therewith at room temperature to avoid a shrink fit and resulting tensile stresses in the shell.

CLASS 146C. I.C.-G01N 19/10, G01R 35/00.

139057

PROCESS AND APPARATUS FOR DETERMINING SOIL HUMIDITY.

Applicants : "LICENCIA" TALALMANYOKAT ERTEKESITO VALLALAT, OF 16, BAJCSY-ZS. U. BUDAPEST V., HUNGARY.

Inventors : DR. SANDOR VARGA.

Application No. 880/Cal/74 filed April 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

Apparatus for determining the moisture content of soil comprising a pair of electrically conductive probes of different potentials (referred to hydrogen) so that the probes are capable of serving as electrodes, in a voltaic cell formed when the probes are inserted into the soil being investigated, the output of the probes being connected to a measuring and/or indicating apparatus as defined herein having a relatively high input resistance of at least 10 MΩ.

CLASS 133A & 134A + D. I.C.-B61K 7/10

139058

GRID RESISTOR.

Applicants : MOSEBACH MANUFACTURING COMPANY, PITTSBURGH, ALLEGHENY COUNTY, PENNSYLVANIA, UNITED STATES OF AMERICA, POST OFFICE ADDRESS IS 1115, ARLINGTON AVENUE, PITTSBURGH, PENNSYLVANIA 15203, UNITED STATES OF AMERICA.

Inventors : VICTOR VLADIMIR KIRILLOFF.

Application No. 901/Cal/74 filed April 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A resistor having a pair of terminals comprising :

(1) a plurality of resistor support frames each defining a plane and each having the same shape, the frames are stacked in alignment to form a hexahedron structure;

(2) means engaging the hexahedron structure and holding the support frames tightly against each other to maintain the hexahedron structure;

(3) resistor means positioned within the plane defined by each resistor support frame, and

(4) means electrically coupling all of the resistor means between and to the terminals whereby a resistor is presented between the pair of terminals.

CLASS 69D. I.C.-H01h. 51/00.

139059

ELECTROMAGNETIC RELAYS.

Applicants : THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventors : DEREK THORNLEY.

Application No. 1483/Cal/74 filed July 3, 1974.

Convention date August 18, 1973/(39175/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An electromagnetic relay including an electrically insulating base, a frame member carrying a relay coil and a relay armature and mounted on the base, a plurality of electrical terminal members each of which extends through the base, and each of which includes a portion lying in contact with the face of the base presented to the frame member, and, fastening means securing the frame member to the base, said portions of said terminal members being trapped between the frame member and the base.

CLASS 205B + K. I.C.-B29H 5/16.

139060

APPARATUS TO POSITION A TYRE FOR CURING.

Applicants : MCNEIL CORPORATION, OF 96 EAST CROSIER STREET, AKRON, SUMMIT COUNTY, OHIO 44311, UNITED STATES OF AMERICA.

Inventors : NEWELL JAMES IRELAND AND GARY RAYMOND GETZ.

Application No. 2255/Cal/74 filed October 8, 1974.

Division of Application No 1278/72 filed August 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Apparatus for use in curing a tyre having beads and having at least the tread portion of the exterior surface renewed, said apparatus comprising two relatively movable bolster means, two mating mould sections configured for engagement with a portion of the tyre's exterior surface including the tread area, each of said mating mould sections being engageable with a respective portion of the tread area and each of said mating mould sections being mounted on a respective one of said bolster means for selective movement relative thereto, and a band ring means mounted for selective movement relative to said bolster means independently of the movement of the mould sections for positioning the beads of the tyre during insertion in said mating mould sections of the tyre.

CLASS 187E₂ + E₃. I.C.-H04R 7/00,

139061

"ELECTRET FOIL".

Applicants : N. V. PHILIPS' GLOEILAMPENFABRIKEN, AT EMMASINGEL, EINDHOVEN, NETHERLANDS.

Inventors : WILHELMUS HERMANUS IDING.

Application No. 1269/Cal/73 filed May 30, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings

Electric foil, in particular suited for application in a microphone diaphragm, characterized in that the electret material such as herein described is deposited on a substrate of dielectric material, having an elastic limit higher than that of the electret material, which dielectric material has a very small permanent polarisation in relation to the electret material.

CLASS 141D. I.C.-C01f. 7/00.

139062

METHOD FOR THE TREATMENT OF RED MUD.

Applicants : MAGYAR ALUMINIUMIPARI TROSZT, OF 56, POZSONYI UT, BUDAPEST XIII. HUNGARY.

Inventors : DR. GYORGY DOBOS, ZOLTAN BELFOIDI, GYULA HORVATH, GYORGY KAPTAY, ZOLTAN OSVALD AND KAROLY SOLYMAR.

Application No. 1318/Cal/73 filed June 5, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

5 Claims

In a method for the treatment of the red mud byproduct of aluminum manufacture, to produce metallic iron and alumina wherein the red mud is subjected to a reducing heat treatment during the course of which it is softened or molten, the iron and slag that are formed are separated from each other. In known manner and subsequently leaching out the Na and Al contents of the slag, the improvement which comprises adding to the red mud a Cao-containing ingredient in the following molar ratios and based on the percentage by weight of dry red mud

$$\frac{\text{CaO}}{\text{SiO}_2} = 1.8 - 2.2 ; \frac{\text{CaO}}{\text{TiO}_2} = 0.9 - 1.1$$

$$\frac{\text{CaO}}{\text{Fe}_2\text{O}_3} = 1.8 - 2.2 ; \frac{\text{CaO}}{\text{Al}_2\text{O}_3 - \text{Na}_2\text{O}} = 0.12 - 0.7$$

carrying out the reducing heat treatment in a single step, and then leaching the Na and Al-contents of the slag in a single sodium carbonate solution with caustic solution or in two steps in a caustic solution and in a sodium carbonate solution.

CLASS 32B. I.C.-C07C. 11/02.

139063

PROCESS FOR THE SYNTHESIS OF PURE ISOMERS OF LONG CHAIN ALKENES HAVING 8 TO 40 CARBON ATOMS.

Applicants and Inventors : OTTO MERESZ, OF 8 WATLINGFORD ROAD, DON MILLS, ONTARIO, CANADA, AND CECILIA MOZSGAI, OF 10 SUNNY GLENWAY NO. 103, DON MILLS, ONTARIO, CANADA, FORMERLY OF 30 HILLSBORO AVENUE, APT. 1404, TORONTO, ONTARIO, CANADA.

Application No. 1458/Cal/73 filed June 22, 1973.

Convention date June 26, 1972/(29835/72) U.K

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings

A process for preparing long chain alkenes having from 8 to 40 carbon atoms per molecule, which includes electrolysing a mixture comprising at least two different carboxylic acids, the first said acid having from 2 to 7 carbon atoms per molecule, and the second said acid having from 7 to 23 carbon atoms per molecule, at least one of said acids having unsaturation, in solution in an organic solvent, and recovering the long chain alkene so formed.

CLASS 70A+B, I.C.-B01K. 1/00.

139064

ELECTROCHEMICAL POWER UNIT AND METHOD FOR PRODUCING SAME.

Applicants: MOSKOVSKY ORDENALENINA ENERGETICHESKY INSTITUT, OF KRASNOKAZARMEN-NAYA, ULITSA, 14, MOSCOW, U.S.S.R.

Inventors: ALEXANDR ALEXANDROVICH LOBANOV, SERGEI PETROVICH POLYAKOV AND ANATOLIY IVANOVICH SAVITSKY.

Application No. 1749/Cal/73 filed July 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

P

30 Claims

An electrochemical power unit comprising a hermetically sealed inert non-conducting container which accommodates an electrochemical system consisting of an electrolyte, an anode and a cathode, the latter being made from a material indifferent with respect to the electrolytic oxidizer, the connection of the two electrodes to a load initiating a redox reaction in the electrochemical system as a result of which current appears in the load, with an essentially anhydrous electrolytic oxidizer namely concentrated acids, melts of metal nitrates, nitrites, chlorates perchlorates and the like serving both as the electrolyte and the cathode reagent, an alkali metal serving as the anode reagent covered on the surface facing the electrolytic oxidizer, with a separating polymolecular layer formed by the products of interaction between the alkali metal and electrolytic oxidizer at the instant of their initial contact, and the redox reaction between the alkali metal and electrolytic oxidizer proceeding through the polymolecular layer.

CLASS 35E, I.C.-C04b. 35/14.

139065

REFRACTORY COMPOSITION AND METHOD OF MAKING A REFRACTORY HEAT-INSULATING SLAB THEREFROM.

Applicants: FOSECO INTERNATIONAL LIMITED, OF 285, LONG ACRE, NECHELIS, BIRMINGHAM, B7 5JR, ENGLAND.

Inventors: VINCENT EDWARD MELLOWS.

Application No. 2299/Cal/73 filed October 16, 1973.

Convention date October 19, 1972/(48248/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings

A refractory composition comprising by weight: 84—35% of a heavy refractory filled having a bulk density of over 1.2 gm/cc. 6—35% of a refractory fibrous material such as herein described other than asbestos.

0.5—10% of a high swelling clay such as herein described.

1—10% of a binding agent such as herein described for the clay and

0—10% of lightweight refractory filled having a bulk density of less than 0.3 gms/cc, the composition being free or substantially free of cellulosic fibre.

CLASS 32F₁+F₂b+F₄d. I.C.-C07C. 125/06.

139066

PROCESS FOR THE PREPARATION OF CARBAMATE DERIVATIVES.

Applicants: ROHM AND HAAS COMPANY, OF INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Inventors: JAMES EDGAR WARE, JR, DAVID LEE PEARDON AND ADWARD ESSEX KILBOURN.

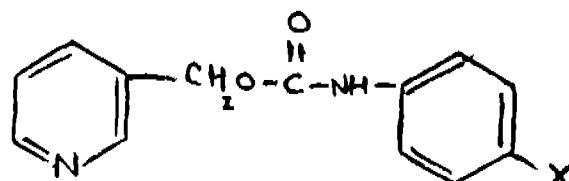
Application No. 2779/Cal/73 filed December 21, 1973.

Convention date December 21, 1972/(59153/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

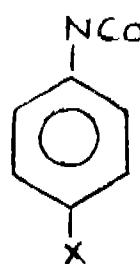
8 Claims

A process for the preparation of a carbamate compound of the formula I.



wherein X is -NO₂, -CN, -CF₃, -SR, -SOR, -SO₂R or SO₂ NH₂

wherein R is a C₁ to C₆ alkyl group, which comprises reacting 3-pyridyl carbinol with a substituted phenyl isocyanate of the formula II.



wherein X is as defined above.

CLASS 95H+K, I.C.-B25b. 21/00.

139067

ANGLE NUT RUNNER WITH INTEGRAL TORQUE TRANSDUCER MEANS OF OBTAINING VALUE OF DELIVERED TORQUE.

Applicants: CHICAGO PNEUMATIC TOOL COMPANY, OF 6EAST 44TH STREET, NEW YORK, N. Y., UNITED STATES OF AMERICA.

Inventors: WILLIAM KEITH WALLACE.

Application No. 135/Cal/74 filed January 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A nut runner comprising a housing, an air driven torque motor, reduction gearing for transmitting torque from the motor to a workpiece, the reduction gearing being engaged with, and being arranged to rotate relative to, an internal ring gear member, a transducer element coupled between a rear end of the ring gear and a portion of the housing, the transducer element being adapted to respond to reaction torque developed in the ring gear member to produce a torque-indicative signal in an electrical cable connected to the transducer element.

CLASS 113-I & 127H+I. I.C.-F21M. 11/00.

139068

DEVICE FOR CHANGING THE AMOUNT OF LINEAR MOVEMENT IN A LINKAGE.

Applicants: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventors: FREDERICK RAYMOND PATRICK MARTIN.

Application No. 758/Cal/74 filed April 4, 1974.

Convention date April 6, 1973/(16524/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A device for changing the amount of linear movement in a linkage system, comprising a slidable first element, a slidable second element a fixed part relative to which said first and second elements are slidable, a first resilient member through which said second element is operably connected to said first element, and a second resilient member disposed between said second element and said fixed part and arranged to act in opposition to said first resilient member so that an equilibrium is established there between, one of said elements providing an input and the other of said elements providing an output, whereby when said equilibrium is disturbed by movement of the input element, the output element moves as a result of re-establishment of the equilibrium between the first and second resilient members.

CLASS 32F₁+F_{1b} & 55E₄. I.C.-C07d. 7/30 & A61K. 27/00.

139069

PROCESS FOR THE PREPARATION OF COUMARIN DERIVATIVES AND THEIR SALTS.

Applicants: BEECHAM GROUP LIMITED, OF BEECHAM HOUSE, GREAT WEST ROAD, BRENTFORD, MIDDLESEX, ENGLAND.

Inventors: DEREK RICHARD BUCKIE, HARRY SMITH AND BARRIE CHRISTIAN CHARLES CANTELLO.

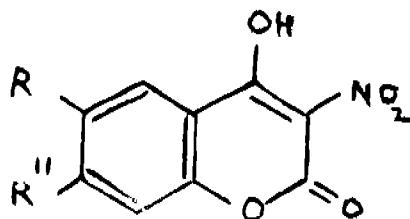
Application No. 888/Cal/74 filed April 18, 1974.

Convention date April 19, 1973/(18876/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

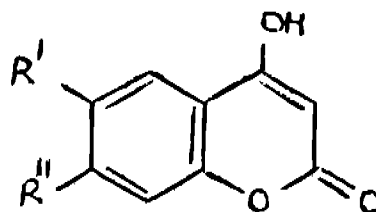
3 Claims

A process for the preparation of substituted 4-hydroxy-3-nitrocumarins of formula (1A).



and pharmaceutically acceptable salts thereof, wherein R' is hydrogen or methyl, ethyl, n-propyl, methoxy, ethoxy or n-propoxy and R'' is methyl, ethyl, n-propyl, methoxy, ethoxy, or

n-propoxy which comprises nitrating a compound of formula (1A).



wherein R' and R'' are defined with reference to formula (1A), and optionally converting the resultant product into a pharmaceutically acceptable salt with a suitable base.

CLASS 27-I+L+O. I.C.-E04b. 2/56, 2/84.

139070

A WALL ELEMENT, PREFERABLY FOR USE AS A STRESS-BEARING OUTER WALL PART AND ITS METHOD OF MANUFACTURE.

Applicants & Inventors: GUSTAV ICKES, OF KARLSBADER STRASSE 1A, 6462 GELNHAUSEN/HAILER, WEST GERMANY.

Application No. 919/Cal/74 filed April 23, 1974.

Convention date March 20, 1974/(12312/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A wall element, preferably for use as a stress-bearing wall element, consisting of hard foamed material and cement concrete, with reinforcement varying according to circumstances, the wall element being manufactured in a mould substantially by pouring materials into the mould, the wall element comprising a layer of hard foamed material which is suitable as an outer facade and whose plane, lying closer to the mould in which the wall element is formed, is planar and smooth, in the plane parallel to the first-mentioned plane there being provided a steel mat which imparts strength to the structure and as a reinforcement which is directed away from its own plane and away from the smooth surface face of the layer of hard foamed material, this layer of hard foamed material being integral with a layer of concrete which is securely connected to the layer of hard foamed material, the visible face of this concrete layer also being planar and smooth-surfaced.

CLASS 35E. I.C.-C04b. 37/00.

139071

NOVEL PROCESS OF REPAIRING, REBUILDING OR JOINING BROKEN OR DAMAGED REFRACTORIES.

Applicants & Inventors: GOPESWAR SAHA, CO. HIND REFRACTORIES LTD. DURGAPUR 1, WEST BENGAL, INDIA.

Application No. 977/Cal/73 filed April 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings

A process for rebuilding, repairing or joining broken or damaged refractories, such as herein defined, which comprises providing a mix of identical chemical composition as that of said broken or damaged refractories to be rebuilt, repaired or joined, the grain composition of the mix depending on the original grain composition of the refractories to impart comparable properties in the rebuilt, repaired or joined portion(s), applying said mix to the maximum surface area obtainable of said broken or damaged portion(s) of the refractories, and in the case of joining broken portions of refractories bringing

them together with layer(s) of said mix in between, and then drying and firing the so rebuilt, repaired or joined refractories at a temperature so that desired ceramic bond formation and optimum grain growth are achieved in the same.

CLASS 179A. I.C.-B65d. 53/00.

139072

APPARATUS FOR APPLICATION OF SEALANT TO A CONTAINER MEMBER.

Applicants : THE BROKEN HILL PROPRIETARY COMPANY LIMITED, OF 140 WILLIAM STREET, MELBOURNE, VICTORIA, AUSTRALIA.

Inventors : MICHAEL DEBENHAM.

Application No. 981/Cal/74 filed May 1, 1974.

Convention date May 1, 1973/(3155/73) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An apparatus for applying sealant (as hereinbefore defined) to a container member, comprising a sealant transfer head having a sealant transfer face with a configuration corresponding to the area of the container member to be covered by sealant, said sealant transfer head having a sealant supply passage opening to said transfer face, sealant pumping means connected to said supply passage and operable to pump an amount of sealant to cover said transfer face and which is in excess of the amount of sealant required to cover said container member area, said transfer face being positioned such that the excess sealant is able to flow away from said transfer face, and means for causing contact between the container member and the sealant on said transfer face to cover said container member area with sealant.

CLASS 173A. I.C.-B05 1/00.

139073

AN ATOMISER AND A PROCESS FOR THE PARTIAL COMBUSTION OF FULL USING THE ALOMISER.

Applicants : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventors : JACOBUS ELZO VOGEL AND GERNOT STAUDINGER.

Application No. 985/Cal/74 filed May 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

An atomiser comprising a tubular body having a connection for the supply of liquid under pressure and a valve stem extending through the tubular body one end of which is connected to the tubular body and the other is attached to a valve member to form with the tubular body an annular slit nozzle laterally bounded by two parallel surfaces the ratio of the length of the parallel surfaces of the slit to the width of the slit being variable between 2 and 30.

CLASS 32F.b. I.C.-C07d 87/20.

139074

A METHOD FOR PREPARING 1, 3-OXAZINO (5, 6-C) RIFAMYCINS.

Applicants : ARCHIFAR INDUSTRIE CHIMICHE DEL TRENTINO S.P.A., OF ITALY, OF VIA DEI COLLI, 8, 38068 ROVERETO, ITALY.

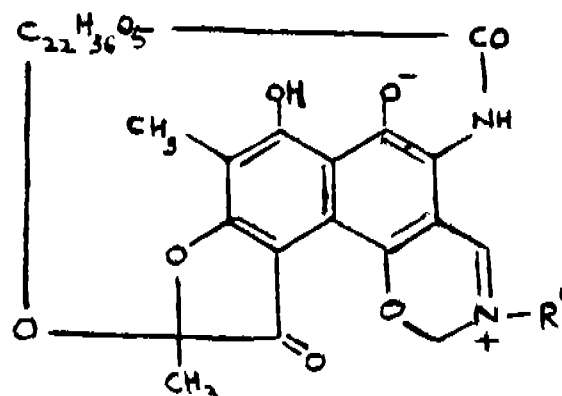
Inventors : LEONARDO MARSILI AND CARMINE PASQUALUCCI.

Application No. 1039/Cal/74 filed May 9, 1974.

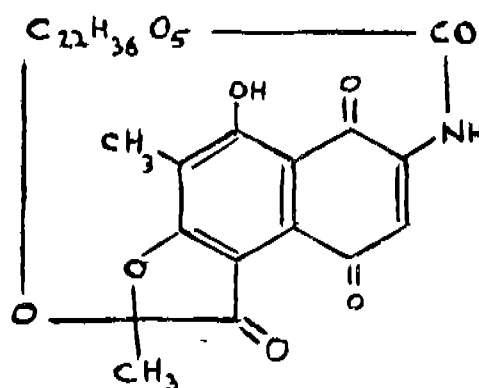
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

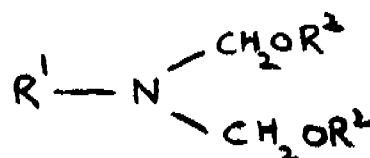
method for preparing 1, 3-oxazino (5, 6-c) rifamycins of formula II.



wherein R¹ is lower alkyl, lower alkenyl, cycloalkyl having 5 to 6 carbon atoms, phenyl, benzyl or α- or β-phenethyl, which comprises reacting a rifamycin S of the formula I.



with a compound of formula III.



in which R² as as defined above and R³ is hydrogen or lower alkyl, in an inert organic solvent at a temperature ranging from 0°C to the boiling temperature of the solvent to give a solution which is treated with water acidified at a pH from about 4 to about 6, the water and the solvent being then removed to give a solid mass with the desired product.

CLASS 128F. I.C.-A61j 7/00.

139075

AN APPLICATOR FOR POWDERED MEDICAMENT.

Applicants : BESPAC INDUSTRIES LIMITED, OF FIELDS ROAD, CHESHUNT, WALTHAM CROSS, HERTFORDSHIRE, EN8 9TX, ENGLAND.

Inventors : ANNETTE BENNIE AND NORMAN LEONARD REED.

Application No. 1623/Cal/74 filed July 22, 1974.

Convention date July 23, 1973/(35003/73) U. K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An applicator for powered medicaments comprising a housing having a chamber for receiving a capsule containing a dose of the medicament to be dispensed, a duct in the housing, one

end of the duct being open to the atmosphere and the other end of the duct having its outlet in a mouth piece for insertion into the mouth of a user, a passage connecting the chamber to the duct, manually operated pump means for supplying air under pressure to the chamber, a flow sensor arranged in the duct, and valve means to prevent air under pressure and the medicament from entering the duct and means to operate the valve means to allow air and medicament to enter the duct when the flow sensor detects a user inhaling through the duct, in which applicator the valve means is situated between the pump means and the chamber, and the capsule and the chamber are so arranged and dimensioned that all the air supplied by the pump means flows through the capsule when the valve means is opened.

CLASS 80K. I.C.-B01d 35/00.

139076

DEVICE FOR MEMBRANE FILTRATION.

Applicants : WAVIN B. V., 251, HANDELLAAN, ZWO-
LLE, THE NETHERLANDS (HOLLAND).

Inventors : WARNER JAN DE PUTTER.

Application No. 2090/Cal/74 filed September 19, 1974.

Conveniton date June 27, 1974/(70535/74) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A device for membrane filtration comprising at least one integral block of resin containing filters and/or reinforcing materials or not, provided with a plurality of continuous holes, tubular membranes for membrane filtration, being disposed in each of said holes, an inlet for liquid to be purified or to be concentrated, a concentrate outlet and a permeate outlet for discharging purified liquid, and sealing means for sealing the space on the inner side of a membrane from the outer side of the membrane, wherein the walls of the continuous holes are liquid impermeable and resistant to the pressure applied during membrane filtration and the length of the holes is chosen such that the liquid passed through the membranes flows towards the end of a block, through an intermediate space between the membrane and the inner wall of the hole provided with this membrane.

CLASS 32F_{3a}+F_{3b}. I.C.-C07C 41/10, C07D 51/70.

139077

PROCESS FOR THE PREPARATION OF NEW CYCLO-
ALKANOL DERIVATIVES.

Applicants : EGYESULT GYOGYSZER-ES TAPSZER-
GYAR, OF KERESZTURI UT 30-38, BUDAPEST X,
HUNGARY.

Inventors : DR. LASZLO PALLOS, GABOR ZOLYOMI,
ZOLTAN BUDAI, DR. MED. ENDRE KOMLOS AND DR.
MED. LUIZA ERDELYI.

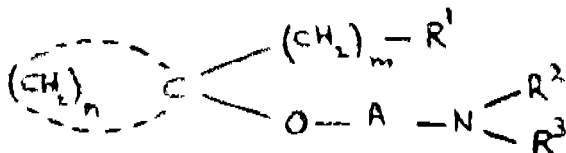
Application No. 2095/Cal/74 filed September 20, 1974.

Division of Application No. 95631 filed September 14, 1964.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

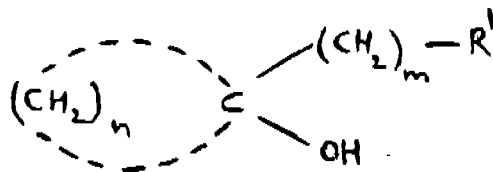
2 Claims

A process for the preparation of cycloalkanol derivatives of the formula I.

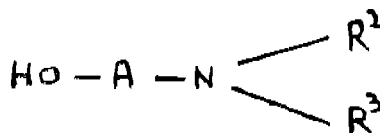


wherein R¹ represents hydrogen or a phenyl group, R² represents hydrogen or lower alkyl and R³ represents a lower alkyl group or R² and R³ may form together and with the nitrogen

atom to which they are attached a heterocyclic ring optionally containing a further nitrogen atom, and optionally substituted by an alkyl, alkoxy, hydroxyalkyl or acyloxyalkyl group; A represents a saturated aliphatic hydrocarbon group of 2 or 3 carbon atoms; n is 5 or 6; and m is 2 or 3 when R¹ is phenyl and -NR²R³ is a mono- or dialkylamino group, or m is an integer from 1 to 3 when R¹ and -NR²R³ have other meanings as defined above, which comprises treating a reactive ester (e.g. the tosyl ester) of a tertiary alcohol of the formula II.



with a basic alcohol of the formula III.



wherein A, R² and R³ have the same meaning as above, in the presence of sodium amide.

CLASS 32F₁+F_{3b}. I.C.-C07d 87/28.

139078

A PROCESS FOR THE MANUFACTURE OF A MOR-
PHOLINE DERIVATIVES.

Applicants : IMPERIAL CHEMICAL INDUSTRIES LIM-
ITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK,
LONDON, SW1P 3JF, ENGLAND.

Inventors : ROY FREDERICK MAISEY.

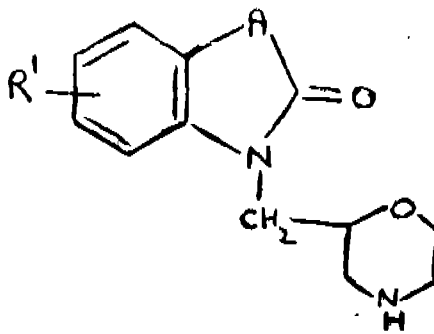
Application No. 2631/Cal/74 filed November 26, 1974.

Conveniton date December 13, 1973/(57743/73) U.K.

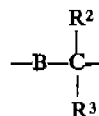
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process for the manufacture of morpholine derivative of the formula I.

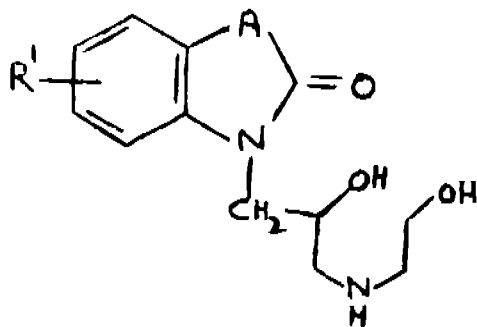


wherein R¹ stands for a hydrogen or halogen atom or an alkyl or alkoxy radical of 1 to 3 carbon atoms and A stands for an oxygen atom or a methylene radical, or for a radical of the formula :—



wherein R² and R³, which may be the same or different, stand for hydrogen atoms or for alkyl radicals of 1 to 3 carbon atoms and B stands for an oxygen or sulphur atom or a methylene radical or alkylmethylene (-CH-alkyl) radical in which

the alkyl group is of 1 to 3 carbon atoms, and the pharmaceutically-acceptable acid-addition salts thereof, characterised by cyclisation of a compound of the formula II.



in the racemic, the (R) or the (S) form, in a diluent or solvent for example xylene, toluene or water, in the presence of an acid, for example toluene-p-sulphonic acid or hydrobromic acid, whereafter if the compound of the formula I so obtained is racemic and a resolved isomer is required, the compound of the formula I is resolved by conventional means, whereafter if a salt is required, the free base of the compound of the formula I is reacted with an acid affording a pharmaceutically-acceptable anion.

CLASS 107G. IC-F01N 5/00.

139079

IMPROVEMENTS IN OR RELATING TO INTERNAL COMBUSTION ENGINES.

Applicants & Inventors : AMBAT MADHAVA MENON, OF 2A, BALLYGUNGE PLACE, EAST, CALCUTTA-19, WEST BENGAL, INDIA.

Application No. 744/Cal/74 filed April 3, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An improved internal combustion engine having three cylinders arranged in a row, wherein two cylinders on either side of the middle expansion cylinder will be of the suction-compression-explosion-exhaust cycle type, and the exhaust from the said two cylinders will be led into a third cylinder alternatively for further expansion and continuous combustion of unburnt fuel contained in the exhaust gases on the down-stroke of its piston.

CLASS 127-I, 129G & 157D. I.C.-B21j 13/10, 139080
B21b 39/20.

APPARATUS FOR ROTATING ELONGATED ARTICLES.

Applicants : USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventors : HARAN WORTHY BULLARD.

Application No. 415/Cal/73 filed February 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

An apparatus for rotating an elongated article such as a railroad rail about its longitudinal axis and propelling said article longitudinally, said apparatus comprising : a base, a pair of parallel rails attached to said base, a carriage movably supported by said rails, driving means connected to said carriage for driving said carriage along said rails, rotating means connected to said carriage for rotating said article about said longitudinal axis, and gripping means connected to said carriage for gripping one end of said article.

CLASS 146D. I.C.-G02b 21/32.

139081

MICROSCOPE FOCUS ADJUSTMENT MECHANISM.

Applicants : AMERICAN OPTICAL CORPORATION, OF 14, MECHANIC STREET, SOUTHBRIDGE, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors : OLIN WILLIAM BOUGHTON AND AUGUST ROBERT VONLAGEN.

Application No. 845/Cal/73 filed April 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A microscope having a frame comprising a base and a support arm extending upwardly therefrom, a nosepiece slidably mounted on said support arm at the upper end thereof, and an adjustment mechanism by which to move said nosepiece relative to said support arm, said adjustment mechanism including :

a linkage pivotally mounted relative to said support arm and operatively connected to said nosepiece.

a cam rotatably mounted relative to said frame and operatively engaged with said linkage for movement therewith to effect the adjustment of said nosepiece.

a segmented reduction gear train operatively engaged with said cam.

course adjustment means to rotate said cam directly, and fine adjustment means to rotate said cam through said reduction gear train formed in segments.

CLASS 205-I. I.C.-B60b 21/00.

139082

WHEEL RIM.

Applicants : AVON RUBBER COMPANY LIMITED, OF MELKSHAM, WILTSHIRE, ENGLAND.

Inventors : WILLIAM NEIL WELLS.

Application No. 964/Cal/73 filed April 24, 1973.

Convention date May 2, 1972/(20397/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A wheel rim having a well used to receive beads of a tubeless tyre when fitting the tyre to the rim, flanges to retain the beads on the rim, bead seats on the rim respectively adjacent the flanges, a mouth of the well being between the bead seats, and a removable obstructor for the well adapted to be positioned at least at the mouth of the well and which when in position denies the beads access to the well the obstructor including a band-like element and releasable securing means acting between adjacent ends of the band for positively preventing the obstructor from undergoing radial and circumferential expansion.

CLASS 39M. I.C.-C01b. 25/26.

139083

IMPROVEMENTS IN OR RELATING TO THE PREPARATION OF CONDENSED PHOSPHATES LIKE ORTHO, PYRO OR POLYPHOSPHATES.

Applicants : DELHI CLOTH & GENERAL MILLS CO. LTD., BARA HINDU RAO, DELHI, DELHI STATE, INDIA.

Inventors : DHARM PAL AGGARWAL, PRABHU DATT SHARMA AND ARAGULA KRISHNA RAO.

Application No. 1071/Cal/73 filed May 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings

A process for the manufacture of condensed phosphates like meta, pyro or tripolyphosphates which comprises in extracting superphosphates containing 6 to 10% of free phosphoric acid with water while maintaining the pH of the extract from 0 to 5, neutralising the extract by adding alkali salts in order to precipitate calcium ions; treating the filtrate with acid soluble barium salts to remove sulphates in the form of barium sulphate and adding adsorbents and filter aids to remove impurities; the filtrate being thereafter dried at temperatures ranging from 100° to 170°C to obtain an anhydrous mass and finally calcining the said anhydrous mass (powder) at a temperature range of 500° to 600°C to get the required product.

CLASS 119D. I.C.-D03d 47/30.

139084

WEAVING MACHINE.

Applicants : RUTI-TE Strake B. V., OF INDUSTRIEWEG 7, DEURNE, THE NETHERLANDS.

Inventors : GEERT JAN VERMEULEN.

Application No. 1097/Cal/73 filed May 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings

A weaving machine of the type in which a transport tunnel for the weft threads is defined by a plurality of substantially U-Shaped blades movable along with the reed, and in which the weft threads are introduced from one side of the weaving shed to the other through said tunnel with the intermediary of a flowing fluid by means of a main blowing nozzle positioned at one side of the shed, tensioning means being provided at the other side of the shed adapted to tension a weft thread after being inserted into the shed and to keep said thread in a tensioned state during the beating up movement of the reed, characterized in that the tensioning means is constituted by an air injector carried by the reed and having its centrally disposed suction channel aligned with the end of the transport tunnel remote from the main blowing nozzle.

CLASS 206D+E. I.C.-H03b 3/00.

139085

GENERATOR CONTROL CIRCUITS.

Applicants : JOSEPH LUCAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Inventors : ARNOLD BRAY.

Application No. 1224/Cal/73 filed May 24, 1973.

Convention date May 25, 1972/(24666/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A generator system including a plurality of control circuits for controlling associated generators, each control circuit including means for varying the field current in the associated generator, a differential amplifier for providing a control signal to said means, said differential amplifier having a pair of inputs, means for generating a reference voltage which is applied to one of said inputs through a resistor, means for applying a signal voltage which is a proportion of the actual output voltage of the associated generator to the other of said inputs a sawtooth generator for providing a sawtooth voltage which is also applied to said other input whereby the output of the amplifier will be a pulse width modulated wave train which acts as the control signal, each control circuit including additional means for varying the voltage at said one input of the differential amplifier in accordance with the unbalance of current supplied by the generators thereby to achieve balance in the currents supplied by the generators, said additional means including a further differential amplifier having its output connected to said one input of the first mentioned differential amplifier, the output level of said further differential amplifier

being equal to said reference voltage under conditions of current balance and circuit means including a resistor through which flows a current dependent upon the out of balance current of the generators, said circuit means controlling the relative value of the voltages applied to the inputs of the further differential amplifier.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

125160 125791 126135 126341 126398 126517 126648 126794
126808 127136 127470 127631 127737 127862 128108 128120
128187 128228 128329 128568 128592 128605 128751 128790
128797 128800 128906 128934 129245 129274 129340 129362
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130765.

(2)

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135298 135435.

(3)

131148 131823 133784 133841 133906 133909 134382 134424
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(4)

108628.

(5)

112150 114357.

PATENTS SEALED

109360 114400 119945 124836 125531 126042 128593 129357
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136733 136763 136776 136805 136833 136874 136927 136937
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137231 137234 137239 137240 137249 137313 137322 137342
137348 137355 137367 137368 137372 137374 137377 137381
137383 137387 137388 137393 137394 137399 137402 137404
137405 137420 137432 137433 137439 137443 137445 137479
137480 137488 137489 137501 137503 137504 137506 137511
137665.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claim made by N. V. JANSSEN PHARMACEUTICA under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 79378 in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The amendments proposed by N. V. Research Laboratorium Dr. C. Jansen, in respect of patent application No. 79378 as advertised in Part III, Section 2 of the Gazette of India dated the 7th June 1975 have been allowed.

(2)

The amendments proposed by Zaidan Hojin Biseibutsu Kagaku Kenkyukai (Microbial Chemistry Research Foundation) in respect of Patent application No. 96593 as advertised in Part III, Section 2 of the Gazette of India dated the 27th December 1975 have been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patent is deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The date shown in the crescent brackets is the date of the patent.

No. & Title of the invention

127366 (2-7-70) Improvements in or relating to condensation of metal vapour.

RENEWAL FEES PAID

76161 76277 76624 76782 76786 77043 77351 77352 77755
80228 80931 81755 81806 81820 81842 82423 82505 82515
82525 82817 87112 97137 87186 87304 87413 87428 87466
87490 87598 87635 87758 87835 87919 87922 87927 88090
88202 88625 89012 89584 89585 91354 91368 92797 92862
93197 93220 93238 93245 93335 93410 93450 93534 93632
93846 93875 95717 95944 98542 98602 98639 98816 98829
98973 99007 99008 99053 99056 99118 99133 99185 99186
99194 99239 99243 99353 99500 99535 99586 99687 99706
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136884 136948 136971 136986 137019 137038 137076 137084
137085 137086 137090 137093 137100 137107 137133 137153
137169 137180 137211.

CESSATION OF PATENTS

105084 105098 105473 105532 105777 105835 106038 106074
106330 106413 106421 106446 106478 106632 106661 106801
127491.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 109709 granted to Council of Scientific and Industrial Research for an invention relating to "Improvements in or relating to the process for the preparation of a resin from tar oil fractions". The patent ceased on the 14th March, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 6th September, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 1st July, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 109843 granted to Thomas Osmond Summers for an invention relating to "Gyro stabilized vehicle." The patent ceased on the 21st March 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 6th September 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 1st July, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 120489 granted to Viswanathaier Venugopalan for an invention relating to "Improvements in or relating to thimbles for pin type electric materials of high voltage overhead power lines." The patent ceased on the 31st March, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th September, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 1st July, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 128453 granted to Nandlal Harilal Mehta for an invention relating to "Improvements in or relating to a method

of cooling tubular materials and device therefor." The patent ceased on the 16th July, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th March, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 1st July, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application for restoration of Patent No. 92553 dated the 2nd March, 1964 made by Midland-Ross Corporation on the 10th November, 1975 and notified in the Gazette of India, Part III, Section 2, dated the 3rd January, 1976 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of patent No. 129677 dated the 29th March, 1971 made by Satishchandra Dahyabhai Patel on the 1st November 1975 and notified in the Gazette of India, Part III, Section 2 dated the 20th December, 1975 has been allowed and the said patent restored.

(7)

Notice is hereby given that an application for restoration of Patent No. 135695 dated the 30th October 1972 made by Dr. Harbansh Bahadur Mathur on the 17th November, 1975 and notified in the Gazette of India, Part III, Section 2 dated the 3rd January, 1976 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 143538. Nahar Steel Industries, Railway Road, Meerut City, Uttar Pradesh, an Indian Registered Partnership Concern. "A fork". November 1, 1975.

Class 3. Nos. 143449, 143450 and 143451. Chemi-Kleen (India) Pvt. Ltd., of C-115 Naraina Industrial Area, Phase-1, New Delhi-110028, India, A Company incorporated in India. "Lipstick container" September 26, 1975.

Class 3. Nos. 143578 & 143579. Murphy India Limited, an Indian Company existing under the Companies Act, 1956, at 29, New Queen's Road, Bombay-400004, State of Maharashtra, India. "The transistor-cum-Radio case". November 14, 1975.

Class 4. No. 143452. Chemi-Kleen (India) Pvt. Ltd., of C-115 Naraina Industrial Area, Phase-1, New Delhi-110028, India, A Company incorporated in India. "Bottle". September 26, 1975.

Class 4. No. 143453. Chemi-Kleen (India) Pvt. Ltd., of C-115 Naraina Industrial Area, Phase-1, New Delhi-110028, A company incorporated in India, "Container". September 26, 1975.

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Design Nos. 138547, 138548, 138549 & 138550 . . . Class 1.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (DESIGNS)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration.

142662. } Navnitlal Manilal Shah, Esq.
142663. }

123729. } M/s. S. Tajbhai & Sons.
123730. }

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Controller-General of Patents, Designs
And Trade Marks.